

SECTION D
INDEX TO VOLUME 26

Authors

- Basir, M. A.**—*Cameronia biovata* gen. et sp. nov. (*Thelastomatidae*), a new nematode parasite of the mole cricket, *Gryllotalpa africana* Beauv., 201. *Chitwoodiella ovoifilamenta* gen. et sp. nov., a nematode parasite of *Gryllotalpa*, 4. On a *Physaloptera* larva from an insect, 197.
- Brown, A. W. A.**, Robinson, D. B. W., Hurtig, H., and Wenner, B. J.—Toxicity of selected organic compounds to insects. Part I. Tests for general toxicity on larvae of *Musca*, *Tribolium*, and *Ephestia*, and adults of *Sitophilus*, 177.
_____, Wenner, B. J., and Park, F. E.—Toxicity of selected organic compounds to insects. Part II. Tests for contact toxicity on nymphs of *Blatella* and *Oncopeltis*, and adults of *Tribolium*, 188.
- Browning, H. C.**, Fraser, F. C., Shapiro, S. K., Glickman, I., and Dubrûle, M.—The biological activity of DDT and related compounds, 282.
_____, Shapiro, S. K., and Dubrûle, M.—The insecticidal activity of DDT and related compounds against different insect species, 301.
- Bucher, G. E.**—The anatomy of *Monodontomerus dentipes* Boh., an entomophagous chalcid, 230.
_____, Cameron, J. W. MacB., and Wilkes, A.—Studies on the housefly (*Musca domestica* L.). II. The effects of low temperatures on laboratory-reared puparia, 26. III. The effects of age, temperature, and light on the feeding of adults, 57.
See Wilkes, A.
- Cameron, G. S.**—An unusual maskinonge from Little Vermilion Lake, Ontario, 223.
- Cameron, J. W. MacB.**—See Bucher, G. E.; Wilkes, A.
- Choquette, L. P. E.**—On the species of the genus *Metabronema* Yorke and Maplestone, 1926, parasitic in trout and char, 329. Parasites of freshwater fish. IV. Internal helminths parasitic in speckled trout (*Salvelinus fontinalis* (Mitchill)) in rivers and lakes of the Laurentide Park, Quebec, Canada, 204.
- Collier, H. B.** and Swales, W. E.—On the chemotherapy of caecal coccidiosis (*Eimeria tenella*) of chickens. VI. A note on the metabolism of caecal epithelium, normal and parasitized, 77.
- Cross, H. F.**—See Twinn, C. R.
- Dubrûle, M.**—See Browning, H. C.
- Fallis, A. M.**—*Ascaris lumbricoides* infection in guinea pigs with special reference to eosinophilia and resistance, 307. Observations on Leucocytozoon infections in birds receiving paludrine, atebrin, and sulphamerazine, 73.
- Fraser, F. C.**—See Browning, H. C.
- Glickman, I.**—See Browning, H. C.
- Hocking, B.**—See Twinn, C. R.
- Hurtig, H.**—See Brown, A. W. A.
- Jowsey, J. R.**—See Spinks, J. W. T.

— II —

Judd, W. W.—A comparative study of the proventriculus of orthopteroid insects with reference to its use in taxonomy, 93. The proventriculus of *Cicindela sexguttata* Fabricius (Coleoptera: Cicindelidae), 1.

Lee, C. C.—See Spinks, J. W. T.

McCallion, D. J.—Accessory tails in frog tadpoles, their experimental production and significance. I. Five cases of accessory tails in tadpoles of *Rana clamitans* as a result of natural injury, 62. II. Some experimental methods of producing accessory tails in frog tadpoles, 82.

McDuffie, Wm. C.—See Twinn, C. R.

Miller, R. B.—Reduction of *Triaenophorus* infestation in whitefish by depletion of the cisco population, 67.

Nicol, J. A. C.—The function of the giant axon of *Myxicola infundibulum* Montagu, 212.

O'Neil, J. B.—See Spinks, J. W. T.

Park, F. E.—See Brown, A. W. A.

Reade, M.—See Spinks, J. W. T.

Robinson, D. B. W.—See Brown, A. W. A.

Shapiro, S. K.—See Browning, H. C.

Spinks, J. W. T., O'Neil, J. B., Jowsey, J. R., Lee, C. C., and Reade, M.—The use of radio-phosphorus, P^{32} , to measure phosphorus utilization by laying hens, 163.

Swales, W. E.—See Collier, H. B.

Twinn, C. R., Hocking, B., McDuffie, Wm. C., and Cross, H. F.—A preliminary account of the biting flies at Churchill, Manitoba, 334.

Wenner, B. J.—See Brown, A. W. A.

West, A. S., Jr.—See Wilkes, A.

Wilkes, A., Bucher, G. E., Cameron, J. W. MacB., and West, A. S., Jr.—Studies on the housefly (*Musca domestica* L.). I. The biology and large scale production of laboratory populations, 8.
See Bucher, G. E.

SECTION D
INDEX TO VOLUME 26

Subjects

- Age**, Effect of, on feeding of adults of housefly, 57.
- Anatomy** of Monodontomerus dentipes, 230.
- Ascaris lumbricoides** infection in guinea pigs, 307.
- Atebrin**, Leucocytozoon infections in birds receiving, 73.
- Axon**, Giant, of *Myxicola infundibulum*, Function of, 212.
- Biological activity** of DDT and related compounds, 282.
- Birds** receiving paludrine, atebrin, and sulphamerazine, Leucocytozoon infections in, 73.
- Biting flies** at Churchill, Man., 334.
- Blatella**, Tests for toxicity of organic compounds on, 188.
- Caecal coccidiosis** of chickens, Chemotherapy of. Metabolism of caecal epithelium, 77.
- Caecal epithelium**, Metabolism of, 77.
- Cameronia biovata** gen. et sp. nov., nematode parasite of mole cricket, 201.
- Chalcid**, Entomophagous (Monodontomerus dentipes), Anatomy of, 230.
- Char**, Species of *Metabronema* parasitic in, 329.
- Chemotherapy** of caecal coccidiosis of chickens. Metabolism of caecal epithelium, 77.
- Chickens**, Chemotherapy of caecal coccidiosis of. Metabolism of caecal epithelium, 77.
- Chitwoodiella ovofilamenta** gen. et sp. nov., nematode parasite of *Gryllotalpa*, 4.
- Cicindela sexguttata**, Proventriculus of, 1.
- Cicindelidae**, Proventriculus of *Cicindela sexguttata*, 1.
- Cisco**, Depletion of population of, and its effect on reduction of *Triaenophorus* infestation, 67.
- Coleoptera**, Proventriculus of *Cicindela sexguttata*, 1.
- DDT and related compounds**
Biological activity of, 282.
Insecticidal activity of, 301.
- Eimeria tenella** in chickens, Chemotherapy of. Metabolism of caecal epithelium, 77.
- Eosinophilia**, *Ascaris lumbricoides* infection in guinea pigs as related to, 307.
- Ephestia**, Tests for toxicity of organic compounds on, 177.
- Epithelium**, Caecal, Metabolism of, 77.
- Feeding** of adults of housefly, Effect of age, temperature, and light on, 57.
- Fish**, Freshwater, Parasites of. Internal helminths in speckled trout in Laurentide Park, Que., 204.
- Flies**, Biting, at Churchill, Man., 334.
- Frog tadpoles**
Accessory tails in tadpoles of *Rana clamitans* as result of natural injury, 62.
Experimental methods of producing accessory tails in, 82.
- Giant axon** of *Myxicola infundibulum*, Function of, 212.
- Gryllotalpa**
Cameronia biovata, new nematode parasite of *G. africana*, 201.
Chitwoodiella ovofilamenta, nematode parasite of, 4.
- Guinea pigs**, *Ascaris lumbricoides* infection in, 307.
- Helminths** parasitic in speckled trout in Laurentide Park, Que., 204.
- Hens**, Laying, Use of radiophosphorus to measure phosphorus utilization by, 163.

Housefly

Biology and large scale production of laboratory populations of, 8.
Effects of age, temperature, and light on feeding of adults of, 57.
Effects of low temperatures on laboratory-reared puparia, 26.

Insecticidal activity of DDT and related compounds, 301.

Insect(s)

Insecticidal activity of DDT and related compounds against different species of, 301.
Orthopteroid, Comparative study of proventriculus of, with reference to use in taxonomy, 93.
Physaloptera larva from, 197.
Toxicity of organic compounds to insects
Tests for contact toxicity, 188.
Tests for general toxicity, 177.

Leucocytozoon infections in birds receiving paludrine, atebriin, and sulphamerazine, 73.

Light, Effect of, on feeding of adults of housefly, 57.

Maskinonge, Unusual, from Little Vermilion Lake, Ontario, 223.

Metabolism of caecal epithelium, 77.

Metabronema, Species of, parasitic in trout and char, 329.

Mole cricket, Cameronia biovata, nematode parasite of, 201.

Monodontomerus dentipes, Anatomy of, 230.

Musca

M. domestica

Biology and large scale production of laboratory populations, 8.
Effects of age, temperature, and light on feeding of adults of, 57.
Effects of low temperature on laboratory-reared puparia, 26.
Tests for toxicity of organic compounds on, 177.

Myxicola infundibulum, Function of giant axon of, 212.

Nematode(s)

Cameronia biovata, nematode parasite of mole cricket, 201.
Chitwoodiella ovofilamenta, parasite of Gryllotalpa, 4.

Oncopeltis, Tests for toxicity of organic compounds on, 188.

Organic compounds, Toxicity of, to insects
Tests for contact toxicity, 188.
Tests for general toxicity, 177.

Orthopteroid insects, Comparative study of proventriculus of, with reference to use in taxonomy, 93.

P²², Use of, to measure phosphorus utilization by laying hens, 163.

Paludrine, Leucocytozoon infections in birds receiving, 73.

Parasite(s)

Cameronia biovata, nematode parasite of mole cricket, 201.
Chitwoodiella ovofilamenta, nematode parasite of Gryllotalpa, 4.
of freshwater fish. Internal helminths in speckled trout in Laurentide Park, Que., 204.

Phosphorus, Use of radiophosphorus to measure utilization of, by laying hens, 163.

Physaloptera larva from an insect, 197.

Proventriculus

of Cicindela sexguttata, 1.
of orthopteroid insects, Comparative study of, with reference to use in taxonomy, 93.

Puparia of housefly reared in laboratory,
Effect of low temperatures on, 26.

Radiophosphorus, Use of, to measure phosphorus utilization by laying hens, 163.

Rana clamitans, Accessory tails in tadpoles of, as result of natural injury, 62.

Salvelinus fontinalis in Laurentide Park, Que., Helminths parasitic in, 204.

Sitophilus, Tests for toxicity of organic compounds on, 177.

Speckled trout in Laurentide Park, Que., Helminths parasitic in, 204.

Sulphamerazine, Leucocytozoon infections in birds receiving, 73.

Tadpoles of frog

Accessory tails in Rana clamitans as result of injury, 62.
Experimental methods of producing accessory tails in, 82.

- Tails, Accessory, in frog tadpoles**
Experimental methods of producing, 82.
Tails in Rana clamitans as result of natural injury, 62.
- Taxonomy, Comparative study of proven-triculus of orthopteroid insects with reference to use in,** 93.
- Temperature(s)**
Effect of, on feeding of adults of housefly, 57.
Low, Effect of, on laboratory-reared puparia of housefly, 26.
- Thelastomatidae, Cameronia biovata, nematode parasite of mole cricket,** 201.
- Toxicity of organic compounds to insects**
Tests for contact toxicity, 188.
Tests for general toxicity, 177.
- Triaenophorus infestation in whitefish by depletion of the cisco population,** 67.
- Tribolium, Tests for toxicity of organic compounds on,** 177, 188.
- Trout**
Species of Metabronema parasitic in, 329.
Speckled, in Laurentide Park, Que., Helminths parasitic in, 204.
- Whitefish, Reduction of Triaenophorus infestation in, by depletion of cisco population,** 67.